

## Exhibit A

<210> 93

<211> 44

<212> PRT

<213> Homo sapiens

<400> 93

Met Gly Val Ala Leu Pro Ser: Pro Leu Leu Cys Ser Leu Pro Leu Phe

1 10 15

Leu Leu Phe Gly Asp Val Ser: Gly Ser Ser Ser Leu Leu Ala Leu Leu
20 25 30

Pro Phe Leu His Pro Trp His: His Pro Ser Leu Ser

<210> 94

<211> 403

<212> PRT

<213> Homo sapiens

<400> 94

Met Ala Thr Ala Glu Arg Arg; Ala Leu Gly Ile Gly Phe Gln Trp Leu

1 10 15

Ser Leu Ala Thr Leu Val Leu: Ile Cys Ala Gly Gln Gly Arg Arg 20 25 30

Glu Asp Gly Gly Pro Ala Cys; Tyr Gly Gly Phe Asp Leu Tyr Phe Ile 35 40 45

Leu Asp Lys Ser Gly Ser Val. Leu His His Trp Asn Glu Ile Tyr Tyr 50 60

Phe Val Glu Gln Leu Ala His; Lys Phe Ile Ser Pro Gln Leu Arg Met 65 70 75 80

Ser Phe Ile Val Phe Ser Thr: Arg Gly Thr Thr Leu Met Lys Leu Thr 85 90 95

Glu Asp Arg Glu Gln Ile Arg; Gln Gly Leu Glu Glu Leu Gln Lys Val

Leu Pro Gly Gly Asp Thr Tyr: Met His Glu Gly Phe Glu Arg Ala Ser 115 120 125

Glu Gln Ile Tyr Tyr Glu Asnı Arg Gln Gly Tyr Arg Thr Ala Ser Val 130 135; 140

Ile Ile Ala Leu Thr Asp Gly' Glu Leu His Glu Asp Leu Phe Phe Tyr 145 150 155 160

Ser Glu Arg Glu Ala Asn Arg; Ser Arg Asp Leu Gly Ala Ile Val Tyr 165 170 175

Cys Val Gly Val Lys Asp Phe: Asn Glu Thr Gln Leu Ala Arg Ile Ala

180 185 190 Asp Ser Lys Asp His Val Phee Pro Val Asn Asp Gly Phe Gln Ala Leu 200 Gln Gly Ile Ile His Ser Iles Leu Lys Lys Ser Cys Ile Glu Ile Leu Ala Ala Glu Pro Ser Thr Iles Cys Ala Gly Glu Ser Phe Gln Val Val Val Arg Gly Asn Gly Phe Argg His Ala Arg Asn Val Asp Arg Val Leu Cys Ser Phe Lys Ile Asn Aspo Ser Val Thr Leu Asn Glu Lys Pro Phe Ser Val Glu Asp Thr Tyr Leu. Leu Cys Pro Ala Pro Ile Leu Lys Glu Val Gly Met Lys Ala Ala Leui Gln Val Ser Met Asn Asp Gly Leu Ser Phe Ile Ser Ser Ser Val Ile: Ile Thr Thr His Cys Ser Asp Gly 310 315 Ser Ile Leu Ala Ile Ala Leu Leu Ile Leu Phe Leu Leu Leu Ala Leu Ala Leu Leu Trp Trp Phe Trpp Pro Leu Cys Cys Thr Val Ile Ile Lys Glu Val Pro Pro Pro Alaa Glu Glu Ser Glu Val Ser Asp His Ser 360 Arg Met Ala Val Gly Gly Glnn Gly Gly Arg Val Gly Trp Arg Ala Gly Trp Ala Ala Gly His Leu Alaa Pro Cys Arg Ala Glu Leu Ser Gln Ala 395 Gln Arg Ile <210> 95 <211> 870 <212> PRT <213> Homo sapiens

<400> 95

Met Gly Pro Pro Ser Leu Vall Leu Cys Leu Leu Ser Ala Thr Val Phe
1 5 10 15

Ser Leu Leu Gly Gly Ser Serr Ala Phe Leu Ser His His Arg Leu Lys
20 25 30

Gly Arg Phe Gln Arg Asp Argg Arg Asn Ile Arg Pro Asn Ile Ile Leu

Gly Ser Pro Asp Cys Ser

Pro Phe Leu His Pro Trp His: His Pro Ser Leu Ser

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<210> 124
<211> 86
<212> PRT
<213> Homo sapiens
<220>
<221> SITE
<222> (6)
<223> Xaa equals any of the: naturally occurring L-amino acids
<220>
<221> SITE
<222> (21)
<223> Xaa equals any of the: naturally occurring L-amino acids
<220>
<221> SITE
<222> (31)
<223> Xaa equals any of the: naturally occurring L-amino acids
<220>
<221> SITE
<222> (76)
<223> Xaa equals any of the: naturally occurring L-amino acids
<400> 124
Leu Gly Ser Pro Glu Xaa Alai Gln Lys Val Asp Ile Thr Ser Ala His
Phe Ile Gly Gln Xaa Ser Arg; Pro Ser Asp Phe Ala Gln Val Xaa Ser
Leu Glu Gly Ser Arg Pro Vall Ile Trp Ser Leu Asn Gly Trp Thr Leu
                                                   45
                               40
         35
Lys Glu Thr Pro Arg Ala Asp; Gly Val Phe Thr Glu Thr Ala Gly Gln
Gly Leu Gly Thr Ala Gln Gly/ His Leu Leu Trp Xaa Ala Ala Ala Thr
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<210>125
<211> 403
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (175)
<223> Xaa equals any of the naturally occurring L-amino acids

<220> <221> SITE <222> (320) <223> Xaa equals any of the: naturally occurring L-amino acids <220> <221> SITE <222> (331) <223> Xaa equals any of the: naturally occurring L-amino acids <220> <221> SITE <222> (368) <223> Xaa equals any of the: naturally occurring L-amino acids Met Ala Thr Ala Glu Arg Arg; Ala Leu Gly Ile Gly Phe Gln Trp Leu Ser Leu Ala Thr Leu Val Leu: Ile Cys Ala Gly Gln Gly Arg Arg Glu Asp Gly Gly Pro Ala Cyss Tyr Gly Gly Phe Asp Leu Tyr Phe Ile Leu Asp Lys Ser Gly Ser Vall Leu His His Trp Asn Glu Ile Tyr Tyr Phe Val Glu Gln Leu Ala Hiss Lys Phe Ile Ser Pro Gln Leu Arg Met Ser Phe Ile Val Phe Ser Thr: Arg Gly Thr Thr Leu Met Lys Leu Thr Glu Asp Arg Glu Gln Ile Arg; Gln Gly Leu Glu Glu Leu Gln Lys Val 105 Leu Pro Gly Gly Asp Thr Tyr: Met His Glu Gly Phe Glu Arg Ala Ser Glu Gln Ile Tyr Tyr Glu Asnı Arg Gln Gly Tyr Arg Thr Ala Ser Val 1355 Ile Ile Ala Leu Thr Asp Gly, Glu Leu His Glu Asp Leu Phe Phe Tyr 155 Ser Glu Arg Glu Ala Asn Arg; Ser Arg Asp Leu Gly Ala Ile Xaa Tyr 170 Cys Val Gly Val Lys Asp Phe: Asn Glu Thr Gln Leu Ala Arg Ile Ala Asp Ser Lys Asp His Val Phe: Pro Val Asn Asp Gly Phe Gln Ala Leu 200 205 Gln Gly Ile Ile His Ser Ile: Leu Lys Lys Ser Cys Ile Glu Ile Leu 2155 220

Ala Ala Glu Pro Ser Thr Ile: Cys Ala Gly Glu Ser Phe Gln Val Val 235 Val Arg Gly Asn Gly Phe Arg; His Ala Arg Asn Val Asp Arg Val Leu Cys Ser Phe Lys Ile Asn Asp; Ser Val Thr Leu Asn Glu Lys Pro Phe 260 Ser Val Glu Asp Thr Tyr Leu: Leu Cys Pro Ala Pro Ile Leu Lys Glu 280 Val Gly Met Lys Ala Ala Leu: Gln Val Ser Met Asn Asp Gly Leu Ser 2955 Phe Ile Ser Ser Ser Val Ile: Ile Thr Thr His Cys Ser Asp Xaa Ser Ile Leu Ala Ile Ala Leu: Leu Ile Leu Xaa Leu Leu Leu Ala Leu 330 Ala Leu Leu Trp Trp Phe Trp) Pro Leu Cys Cys Thr Val Ile Ile Lys 345 Glu Val Pro Pro Pro Ala: Glu Glu Ser Glu Val Ser Asp His Xaa Arg Met Ala Val Gly Gly Gln: Gly Gly Arg Val Gly Trp Arg Ala Gly Trp Ala Ala Gly His Leu Ala: Pro Cys Arg Ala Glu Leu Ser Gln Ala Gln Arg Ile <210> 126 <211> 93 <212> PRT <213> Homo sapiens <400> 126 Ser Ala Ser Cys Trp Asn Alaa Asn Phe Leu Pro Arg Asn Gln Gly Arg 10 Lys Leu His Cys Cys Ala Lys: Lys Lys Lys Pro Ser Leu His Thr

Leu Lys Pro Phe Leu Asn Pro> Ser Arg Glu Ser Thr Val Ala Ser Ser 40 Thr Thr Ala Ile Gly Phe Alax Ser Val Met Cys Ser Tyr Leu Leu Asp Phe Gln Asn Ile Lys Lys Lys Lys Arg Ala Ala Ala Leu Glu Asp Pro

Ser	Val 310	Ile	Ile	Thr	Thr	Thr 315	His	Cys	Ser	Asp	Gly 320	Ser	Ile	Leu	Ala			
														ctc Leu		1123		
														cct Pro 355		1171		
		gcc Ala										taad	caaga	aag		1217		
aagaaagaaa gaaatcccac agaaacagat aacctaacac													agcccgtgca acgtatttta 1277					
tacaatgctc tgaaaatcat agtctcaatc tagacagtct												tttcctctag ttccctgtat 1337						
tcaaatccca gtgtctaaca ttcaataaat agctatatga aatcaaaaaa aaaaaaaaa 1															1397			
aaaaaaaaa aaaaaaa 14															1414			
<210> % < < < < < < < < < < < < < < < < < <																		
	D> 2 Ala	Thr	Ala	Glu 5	Arg	Arg	Ala	Leu	Gly 10	Ile	Gly	Phe	Gln	Trp 15	Leu			
Ser	Leu	Ala	Thr 20	Leu	Val	Leu	Ile	Cys 25	Ala	Gly	Gln	Gly	Gly 30	Arg	Arg			
Glu	Asp	Gly 35	Gly	Pro	Ala	Cys	Tyr 40	Gly	Gly	Phe	Asp	Leu 45	Tyr	Phe	Ile			
Leu	Asp 50	Lys	Ser	Gly	Ser	Val 55	Leu	His	His	Trp	Asn 60	Glu	Ile	Tyr	Tyr			
Phe 65	Val	Glu	Gln	Leu	Ala 70	His	Lys	Phe	Ile	Ser 75	Pro	Gln	Leu	Arg	Met 80			
Ser	Phe	Ile	Val	Phe 85	Ser	Thr	Arg	Gly	Thr 90	Thr	Leu	Met	Lys	Leu 95	Thr			
Glu	Asp	Arg	Glu 100	Gln	Ile	Arg	Gln	Gly 105	Leu	Glu	Glu	Leu	Gln 110	Lys	Val			
Leu	Pro	Gly 115	Gly	Asp	Thr	Tyr	Met 120	His	Glu	Gly	Phe	Glu 125	Arg	Ala	Ser			
Glu	Gln 130	Ile	Tyr	Tyr	Glu	Asn 135	Arg	Gln	Gly	Tyr	Arg 140	Thr	Ala	Ser	Val			

Ile Ile Ala Leu Thr Asp Gly Glu Leu His Glu Asp Leu Phe Phe Tyr 145 150 155 160

Ser Glu Arg Glu Ala Asn Arg Ser Arg Asp Leu Gly Ala Ile Val Tyr 165 170 175

Cys Val Gly Val Lys Asp Phe Asn Glu Thr Gln Leu Ala Arg Ile Ala 180 185 190

Asp Ser Lys Asp His Val Phe Pro Val Asn Asp Gly Phe Gln Ala Leu 195 200 205

Gln Gly Ile Ile His Ser Ile Leu Lys Lys Ser Cys Ile Glu Ile Leu 210 215 220

Ala Ala Glu Pro Ser Thr Ile Cys Ala Gly Glu Ser Phe Gln Val Val 225 230 235 240

Val Arg Gly Asn Gly Phe Arg His Ala Arg Asn Val Asp Arg Val Leu 245 250 255

Cys Ser Phe Lys Ile Asn Asp Ser Val Thr Leu Asn Glu Lys Pro Phe 260 265 270

Ser Val Glu Asp Thr Tyr Leu Leu Cys Pro Ala Pro Ile Leu Lys Glu 285 280 285

Val Gly Met Lys Ala Ala Leu Gln Val Ser Met Asn Asp Gly Leu Ser 290 295 300

Phe Ile Ser Ser Ser Val Ile Ile Thr Thr His Cys Ser Asp Gly 305 310 315

Ser Ile Leu Ala Ile Ala Leu Leu Ile Leu Phe Leu Leu Leu Ala Leu 325 330 335

Ala Leu Leu Trp Trp Phe Trp Pro Leu Cys Cys Thr Val Ile Ile Lys 340 345 350

Glu Val Pro Pro Pro Pro Ala Glu Glu Ser Glu Glu Asn Lys Ile Lys 355 360 365

<210> 3

<211> 180

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:von Willebrand factor A domain consensus sequence

<400> 3

Pro Leu Asp Val Val Phe Leu Leu Asp Gly Ser Gly Ser Met Gly Gly

1 5 10 15